

7. FIGURES



Figure 2.1. Anderson Mountain transmitter site showing mast and antenna mount.



Figure 2.2. View looking north from Anderson Mountain.



Figure 2.3. Van with trailer at Pidcoke transmitter site.



Figure 2.4. Measurement crew at Pidcoke transmitter site.

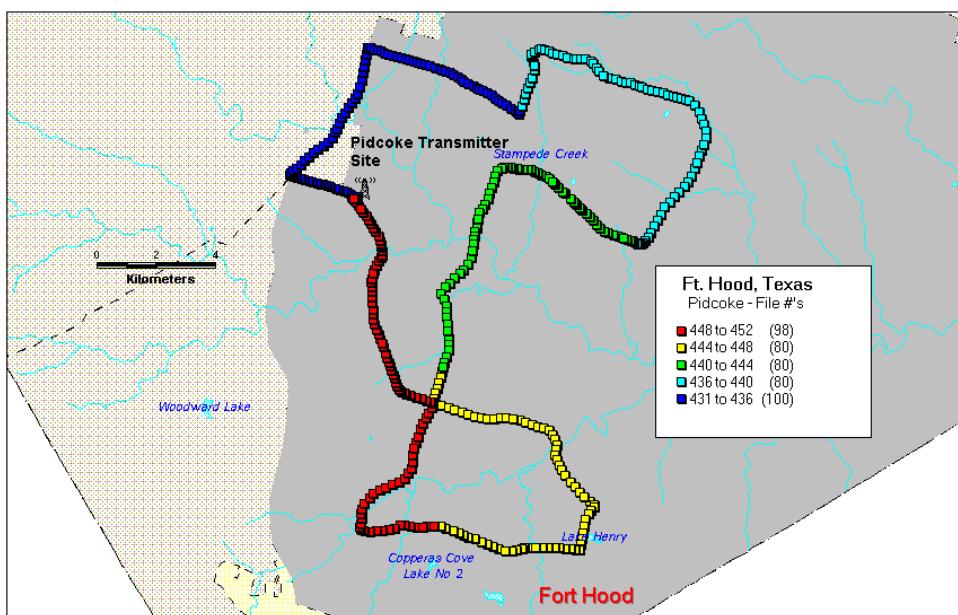
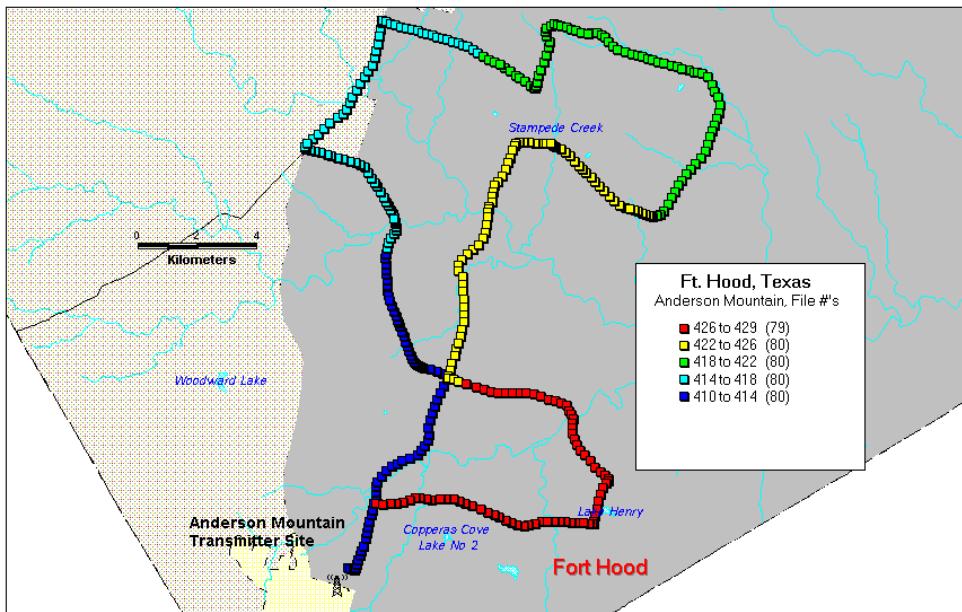


Figure 2.5. Anderson Mountain transmitter site and drive route, Ft. Hood, Texas.
 Figure 2.6. Pidcocke transmitter site and drive route, Ft. Hood, Texas

Anderson Mtn. Transmitter Site, Ft. Hood, Texas

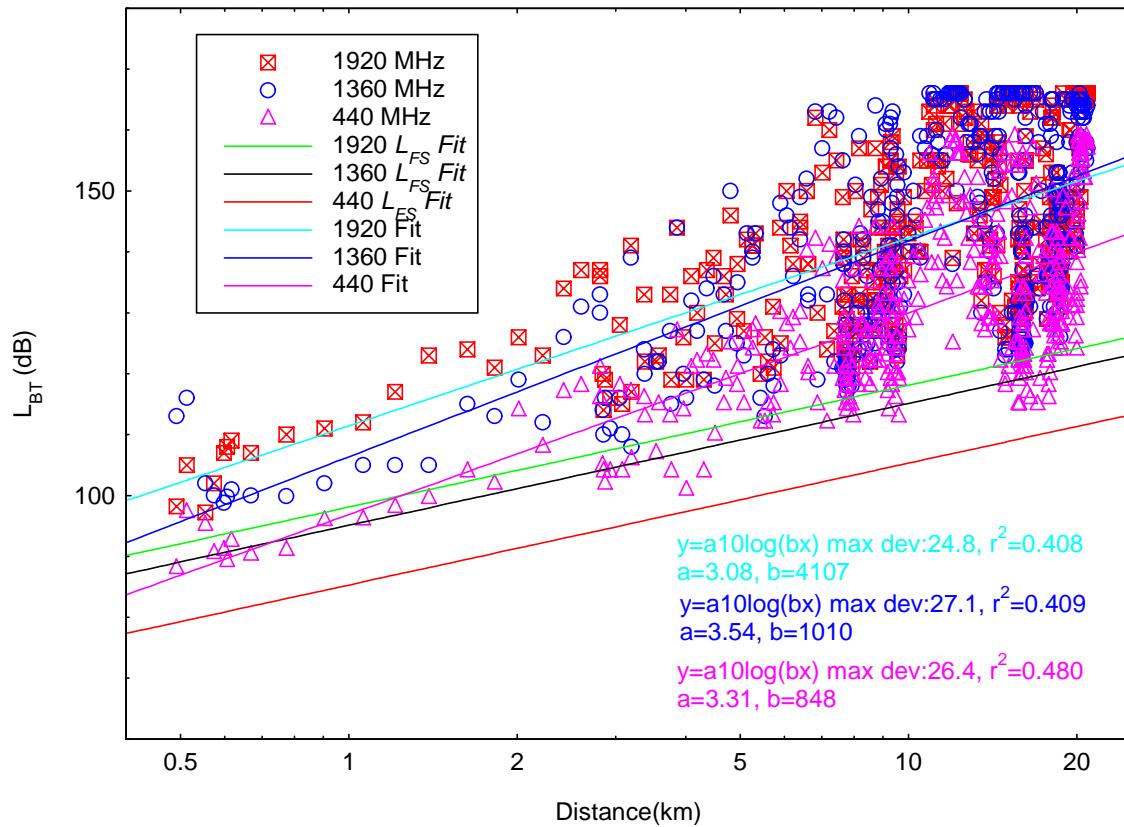


Figure 4.1 Basic transmission loss scatterplot, Anderson Mountain transmitter site.

Pidcoke Transmitter Site, Ft. Hood Texas.

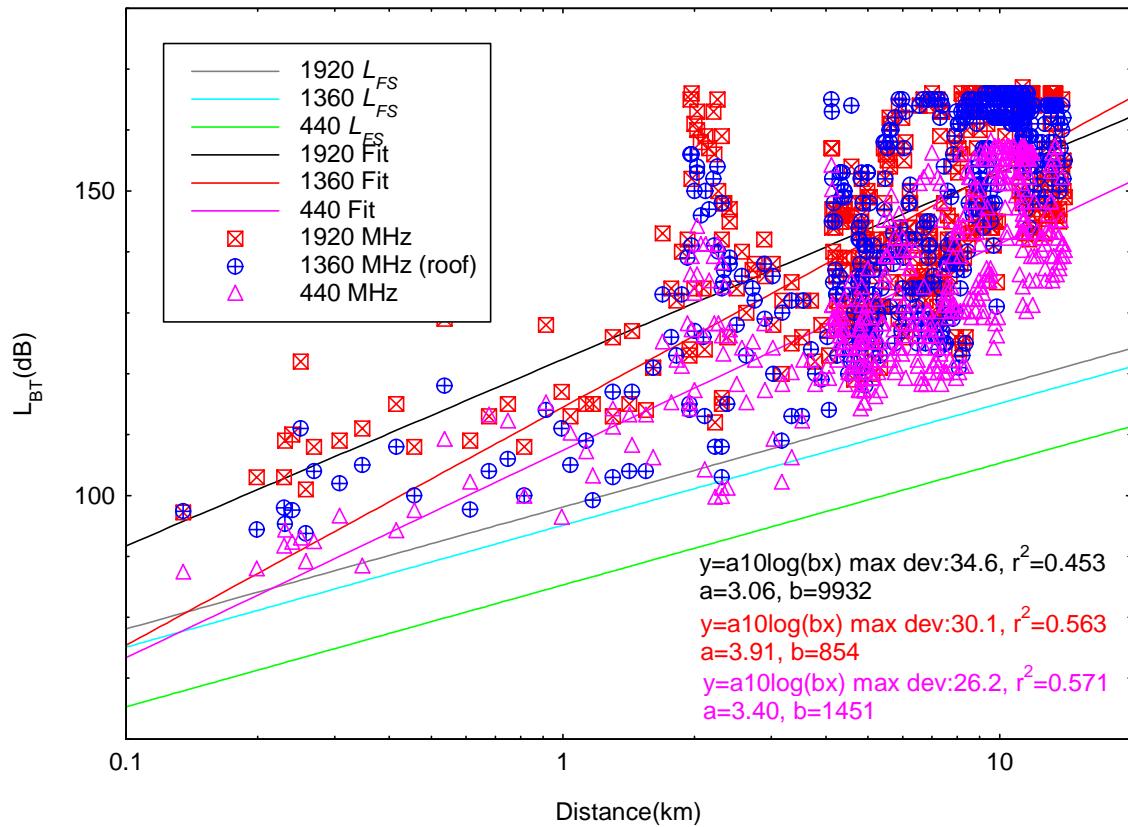


Figure 4.2 Basic transmission loss scatterplot, Pidcoke transmitter site.

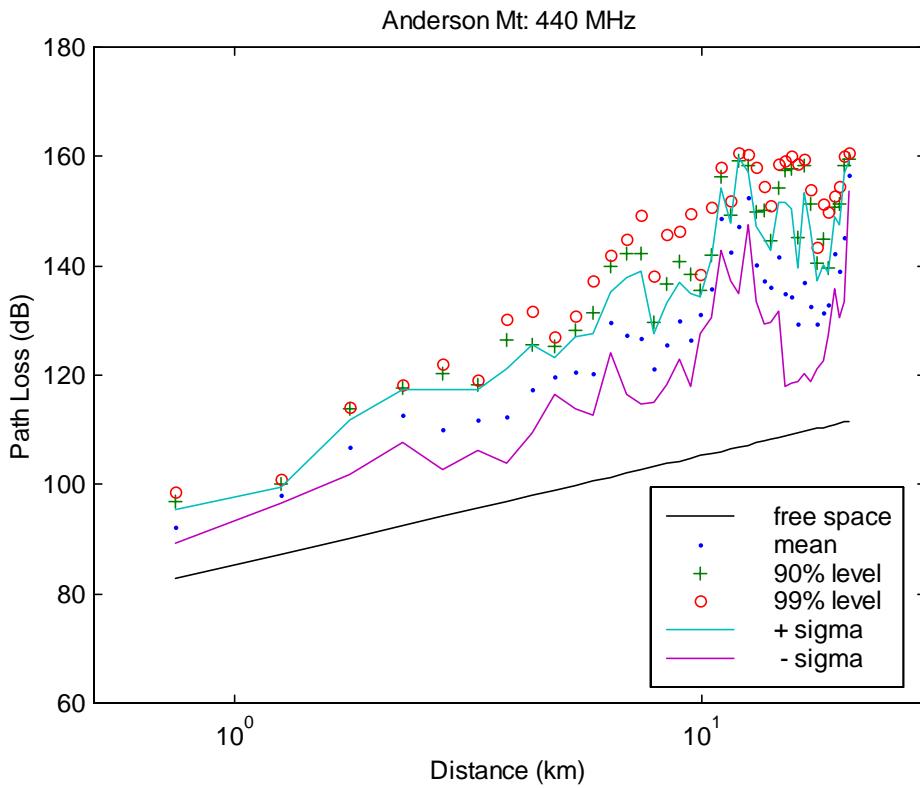


Figure 4.3. Basic transmission loss variance, Anderson Mt., 440 MHz.

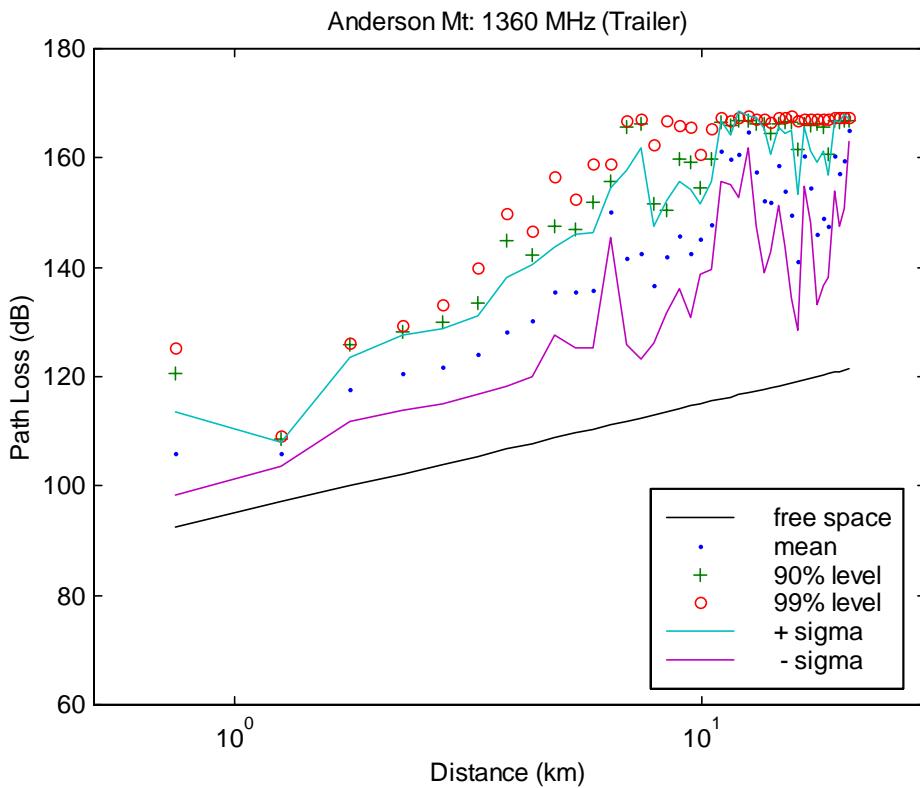


Figure 4.4. Basic transmission loss variance (trailer), Anderson Mt., 1360 MHz.

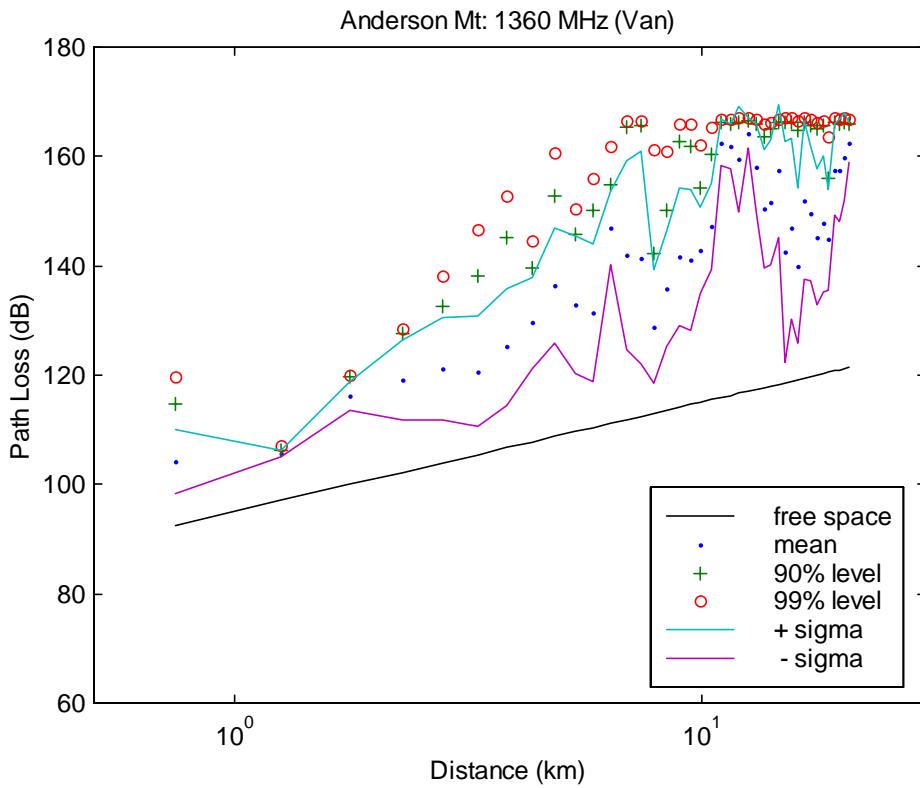


Figure 4.5. Basic transmission loss variance (van), Anderson Mt., 1360 MHz.

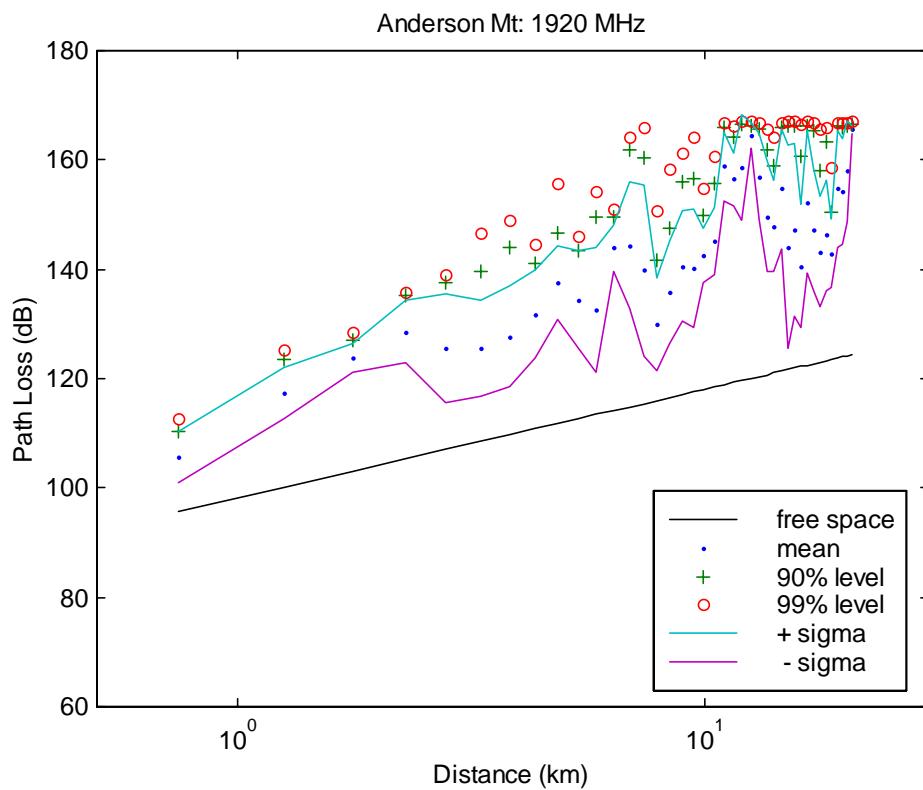


Figure 4.6. Basic transmission loss variance, Anderson Mt., 1920 MHz.

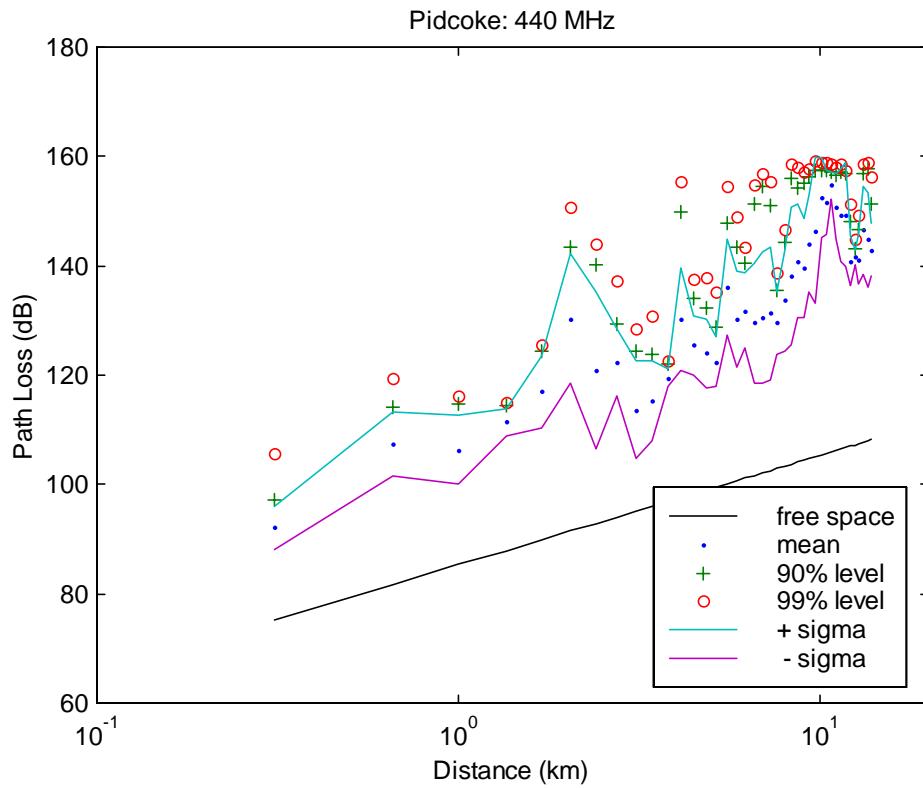


Figure 4.7. Basic transmission loss variance, Pidcock, 440 MHz.

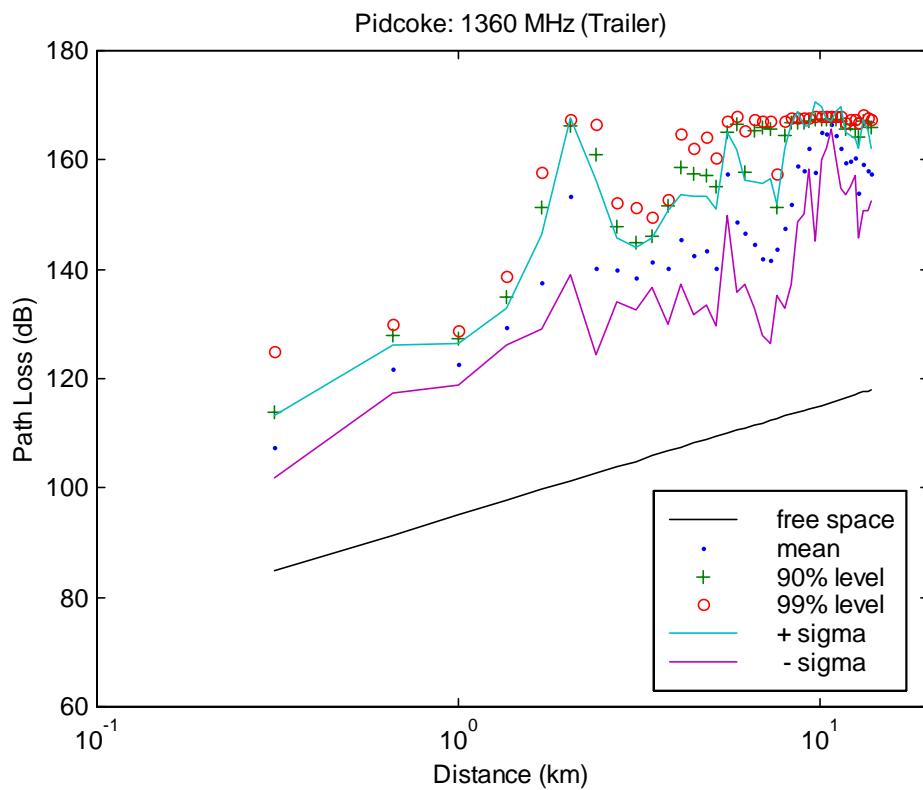


Figure 4.8. Basic transmission loss variance (trailer), Pidcock, 1360 MHz.

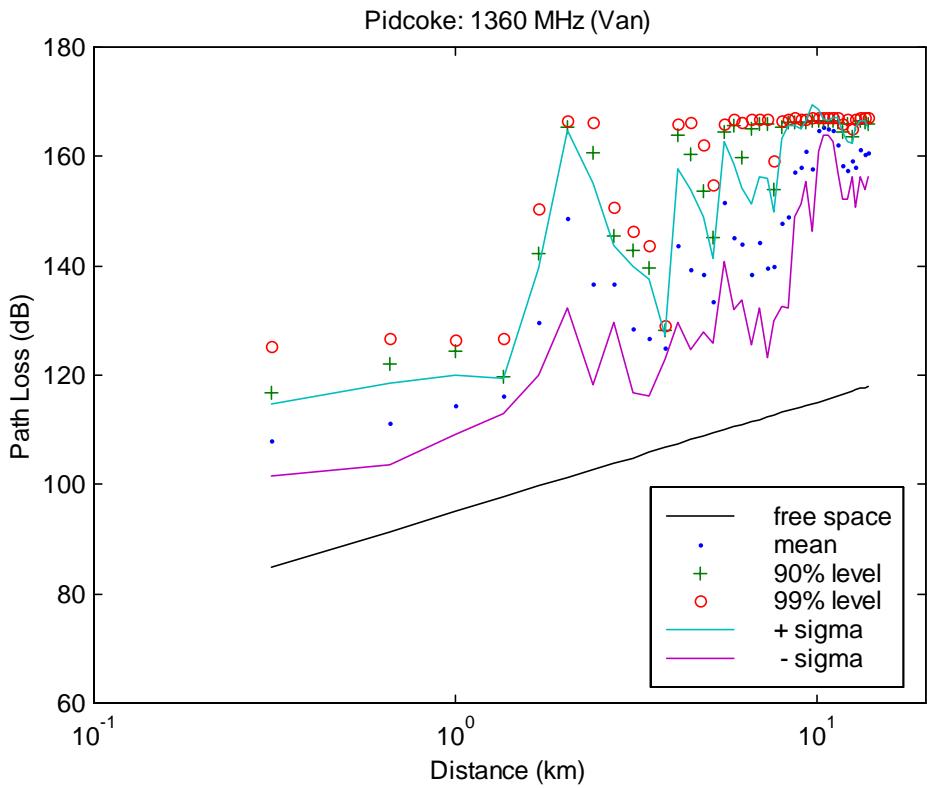


Figure 4.9. Basic transmission loss variance (van), Pidcocke, 1360 MHz.

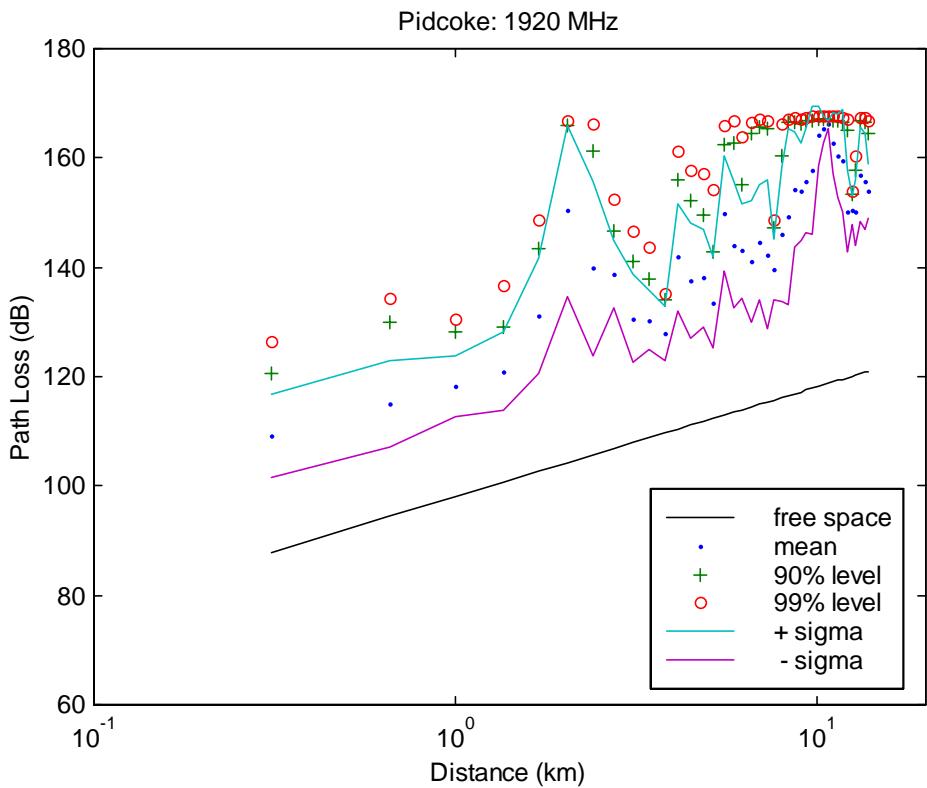


Figure 4.10. Basic transmission loss variance, Pidcocke, 1920 MHz.

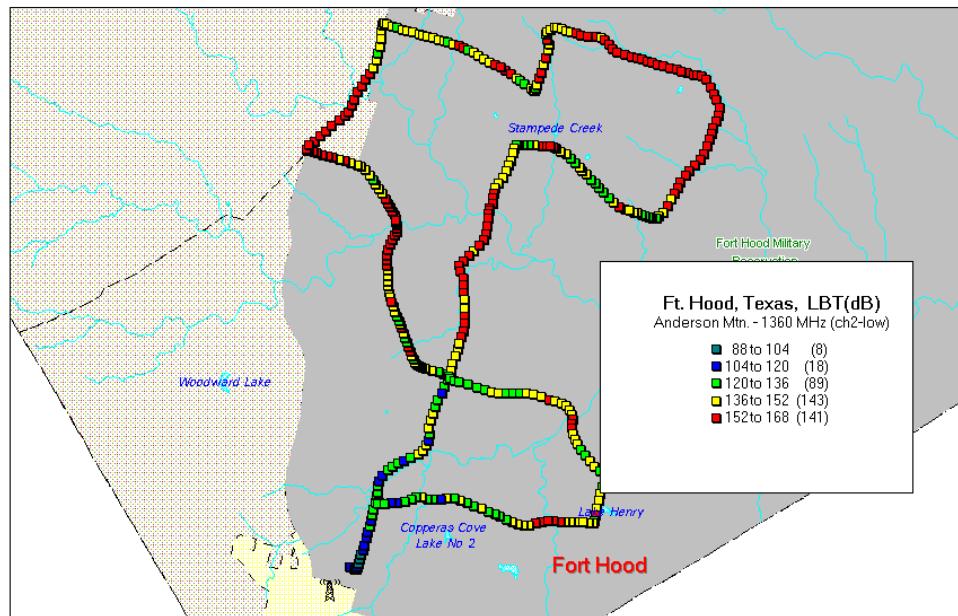
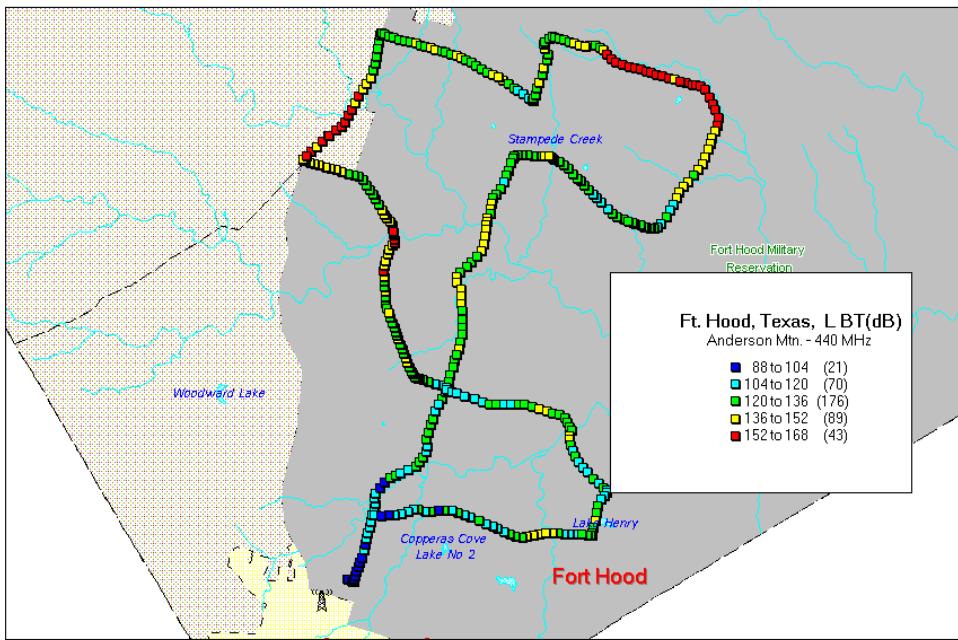


Figure 4.11. Basic transmission loss map, 440 MHz, Anderson Mountain.

Figure 4.12. Basic transmission loss map, 1360 MHz (low antenna), Anderson Mountain.

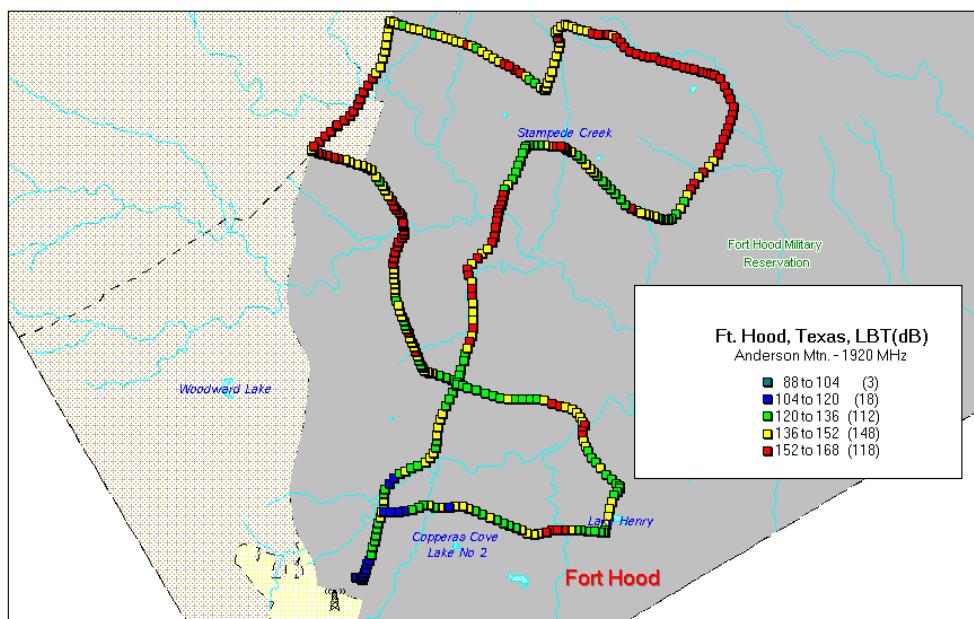
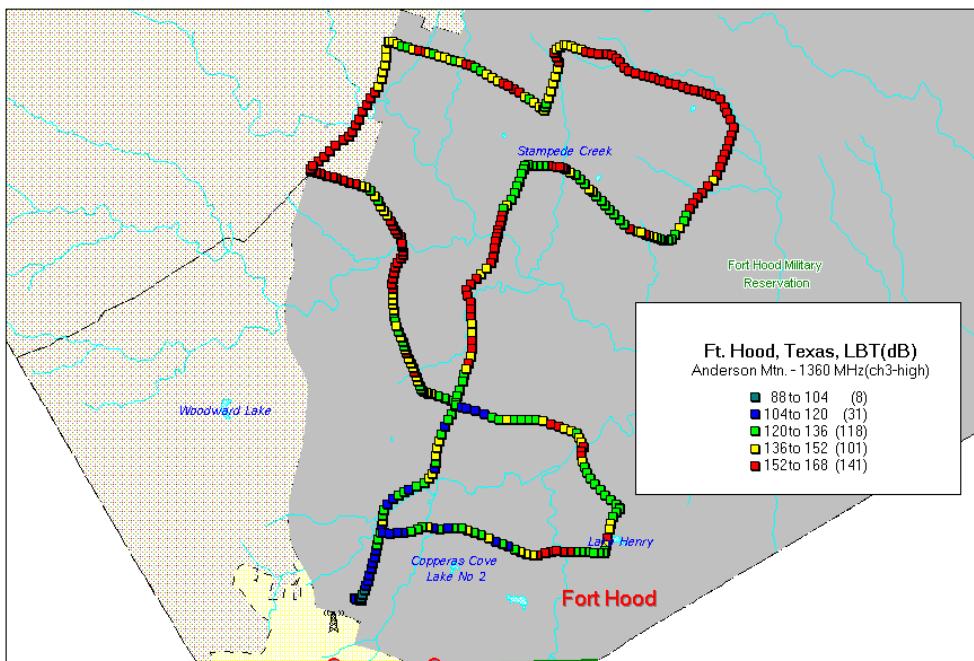


Figure 4.13 Basic transmission loss map, 1360 MHz (high antenna), Anderson Mountain.
 Figure 4.14 Basic transmission loss map, 1920 MHz, Anderson Mountain.

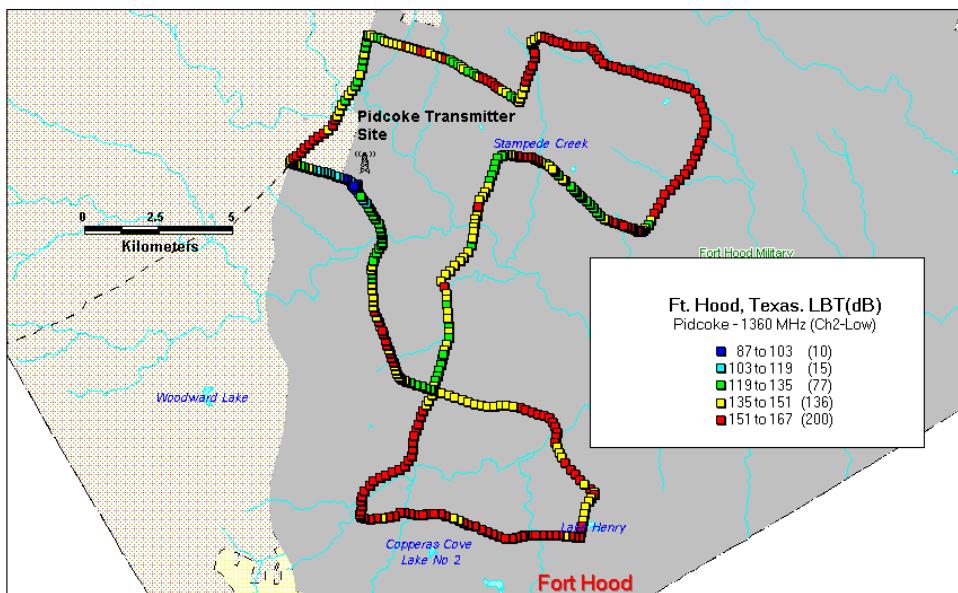
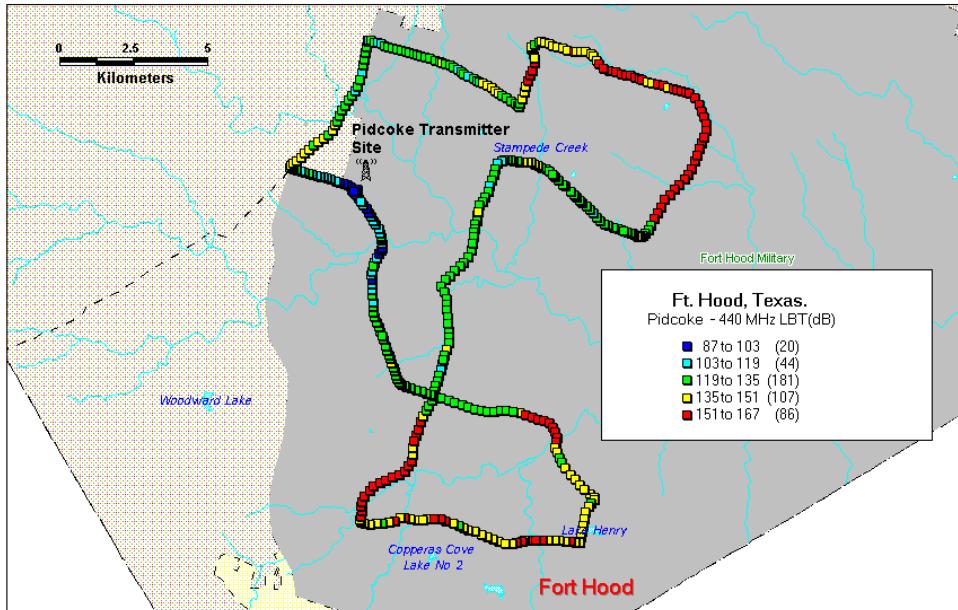


Figure 4.15. Basic transmission loss map, 440 MHz, Pidcoke.

Figure 4.16. Basic transmission loss map, 1360 MHz (low antenna), Pidcoke.

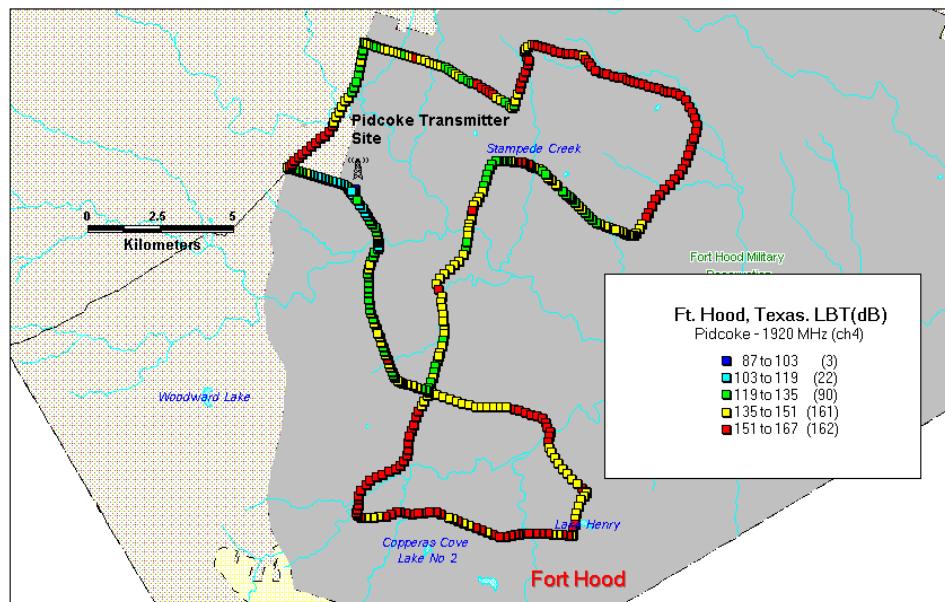
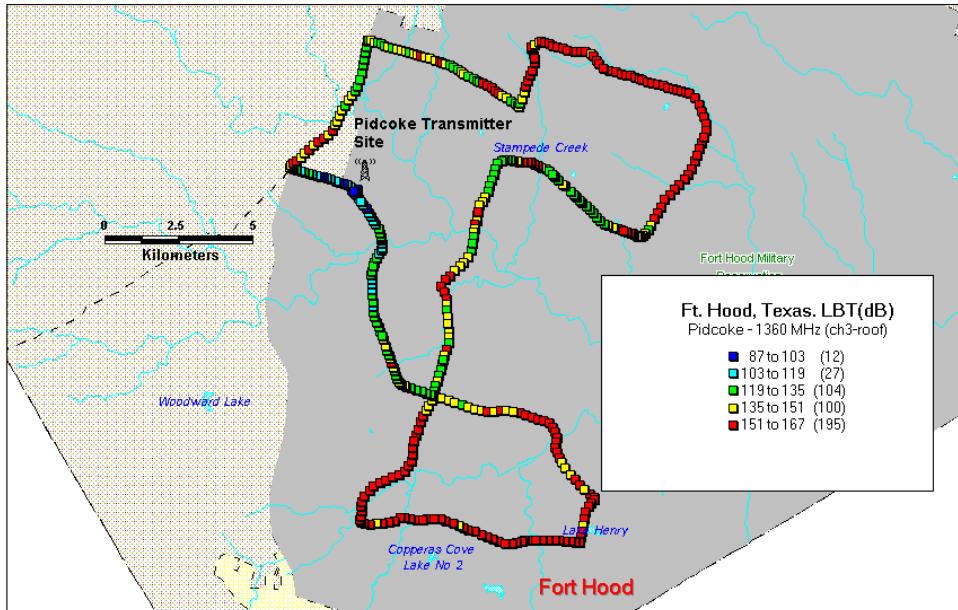


Figure 4.17. Basic transmission loss map, 1360 MHz (high antenna), Pidcocke.
 Figure 4.18. Basic transmission loss map, 1920 MHz, Pidcocke.

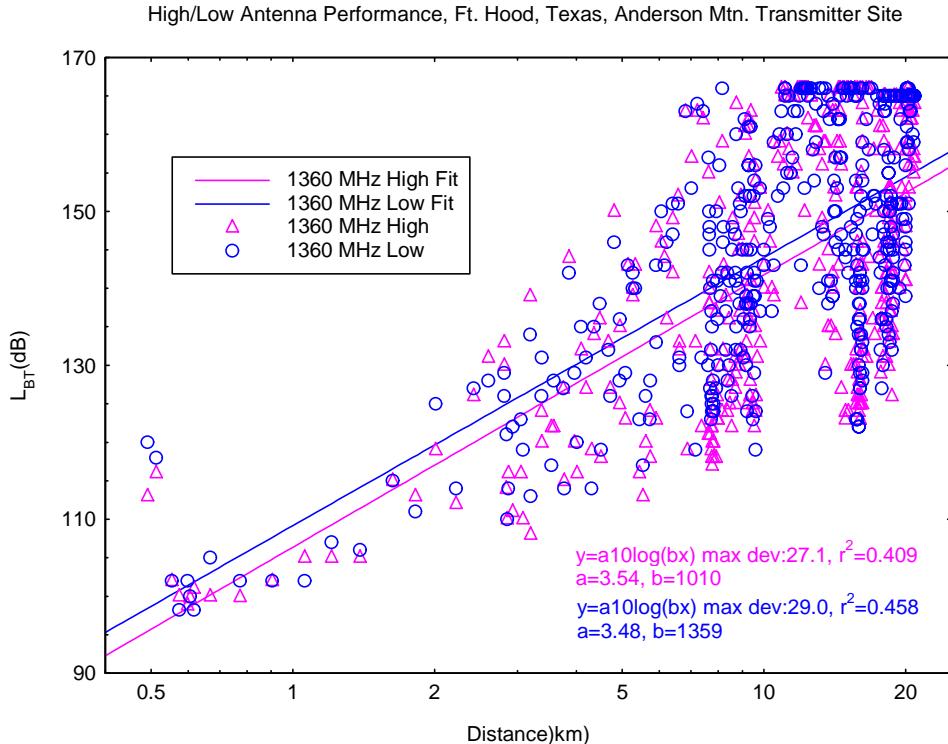


Figure 4.19. Basic transmission loss differential for low versus high 1360 MHz receive antennas from Anderson Mountain transmitter site.

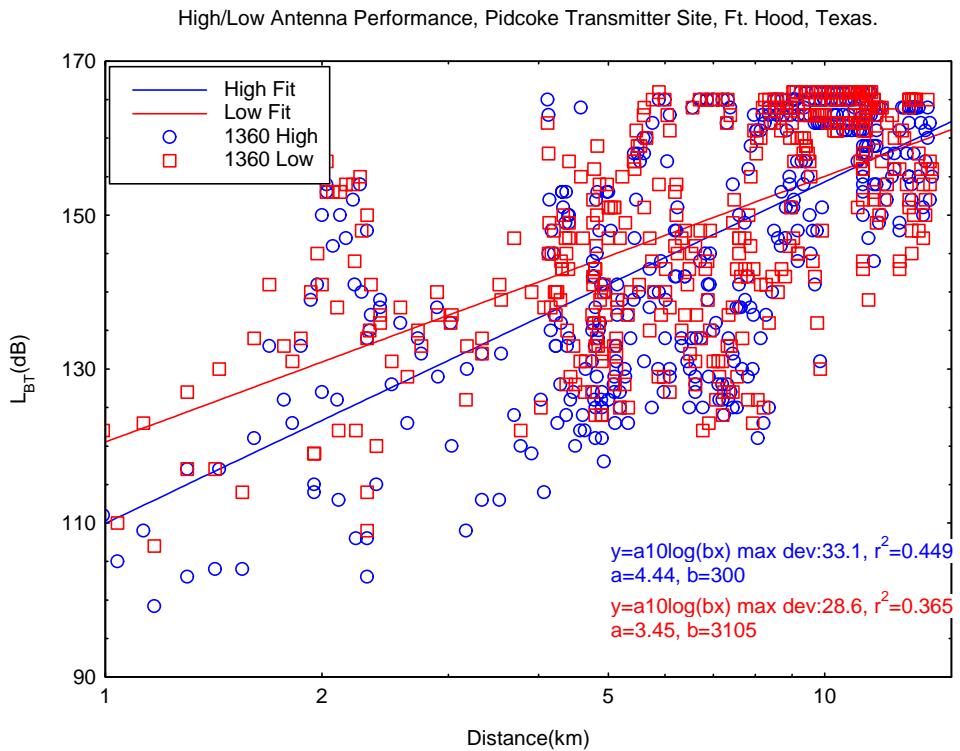


Figure 4.20. Basic transmission loss differential for low versus high 1360 MHz receive antennas from Pidcocke transmitter site.

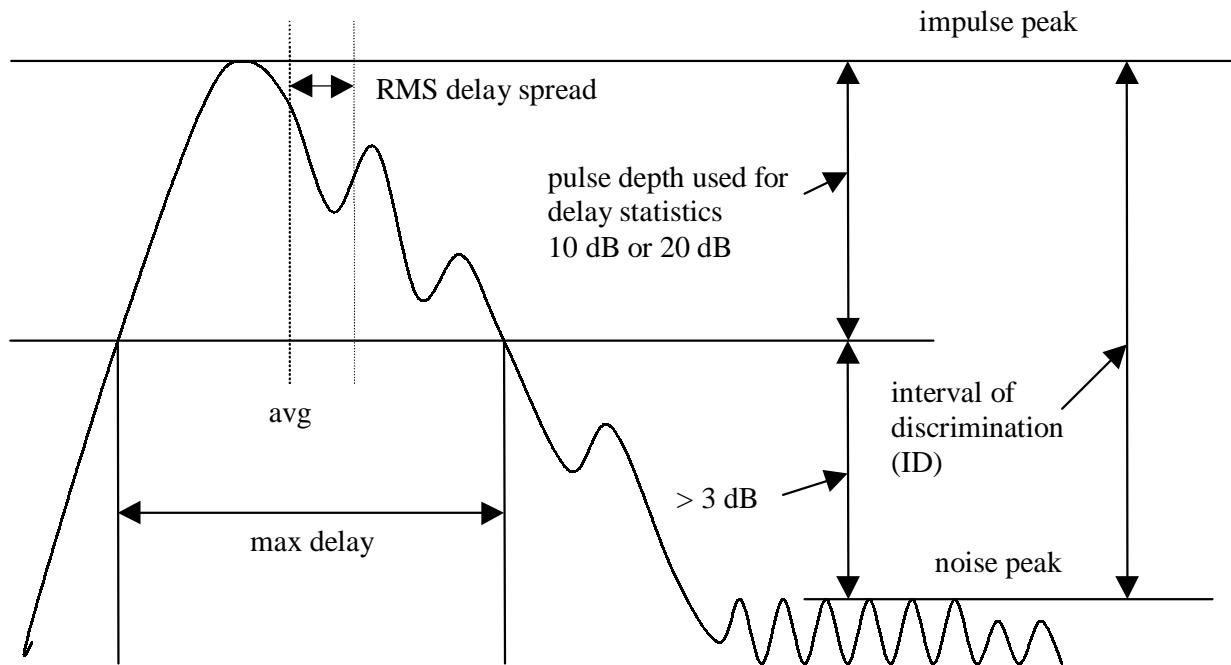


Figure 5.1. Idealized impulse response diagram with descriptive terminology.

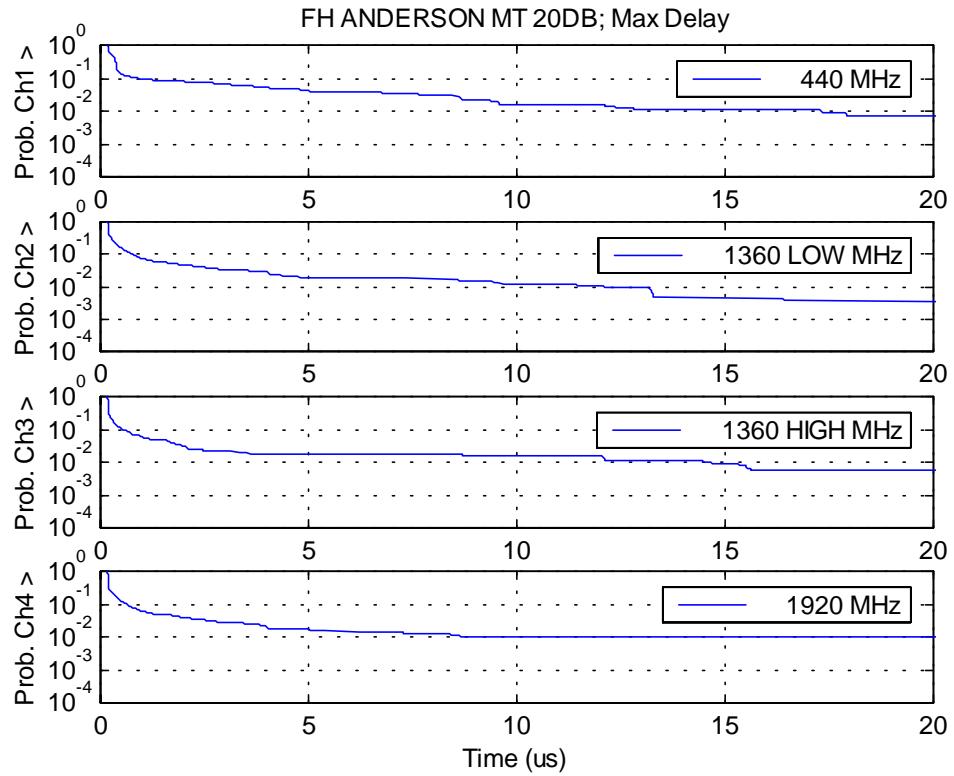


Figure 5.2. Anderson Mt. 20 dB ID: maximum delay CDF.

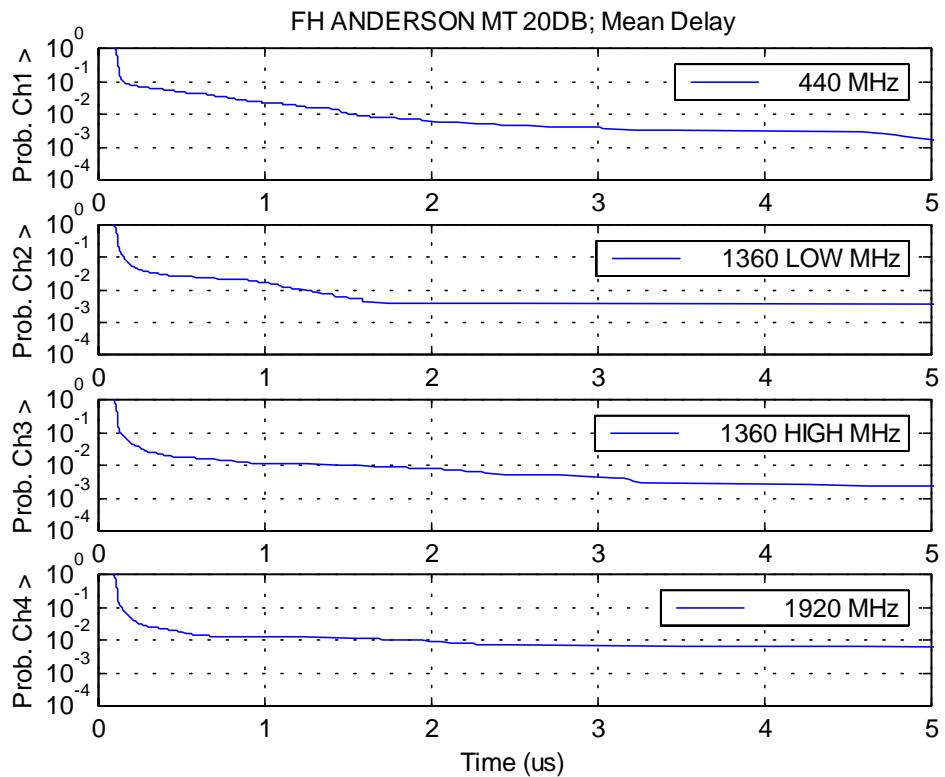


Figure 5.3. Anderson Mt. 20 dB ID: mean delay CDF.

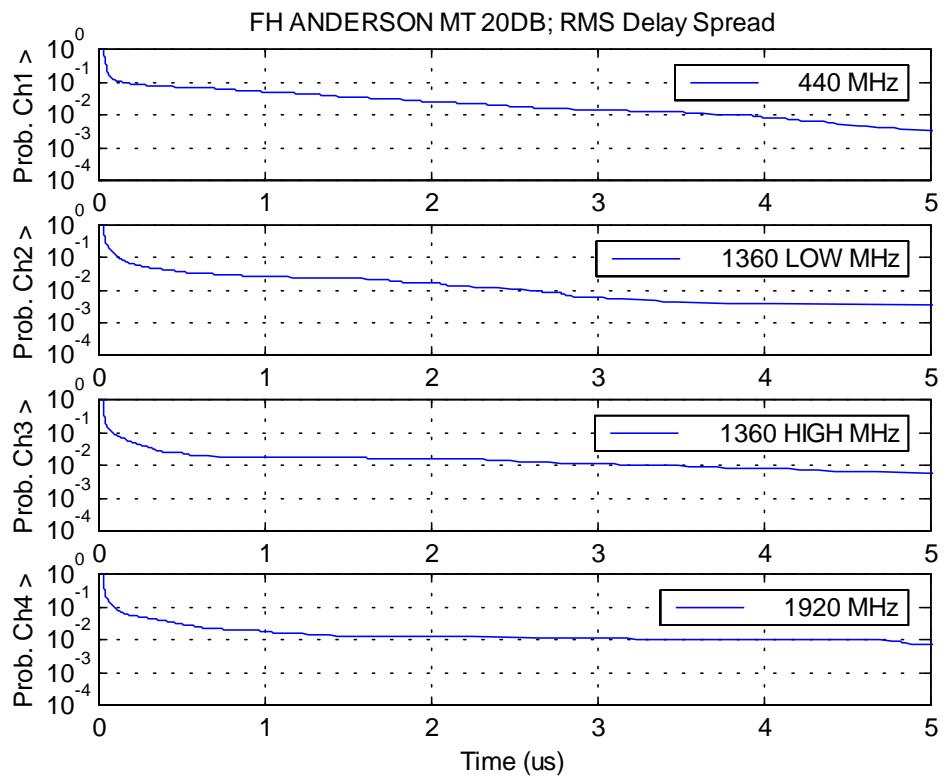


Figure 5.4. Anderson Mt. 20 dB ID: RMS delay spread CDF.

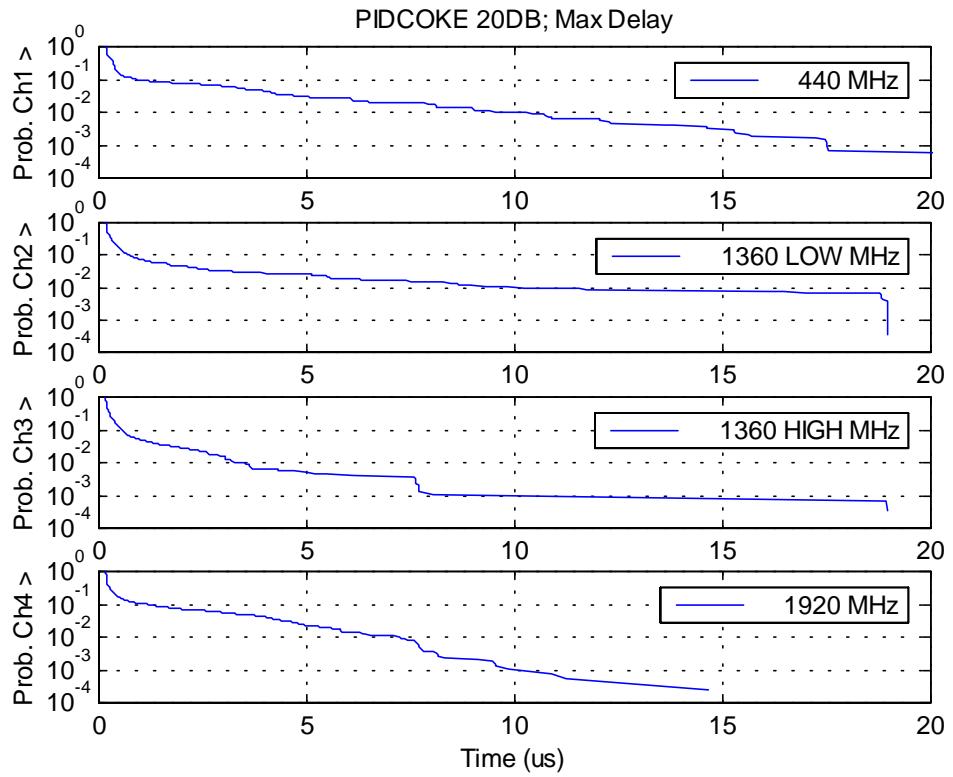


Figure 5.5. Pidcoke 20 dB ID: maximum delay CDF.

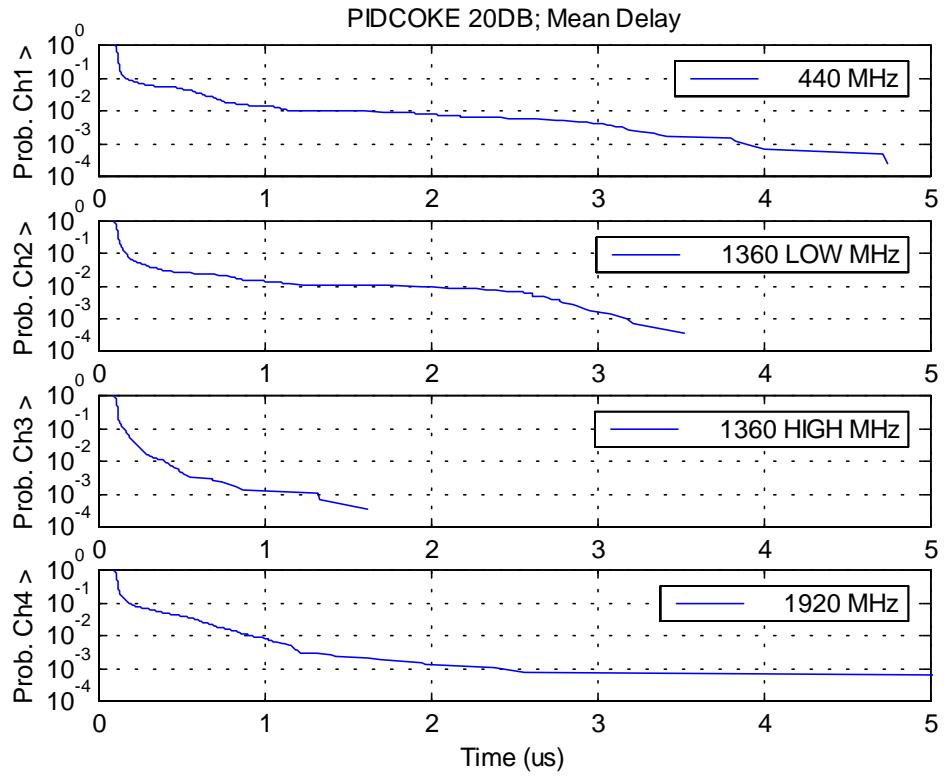


Figure 5.6. Pidcoke 20 dB ID: mean delay CDF.

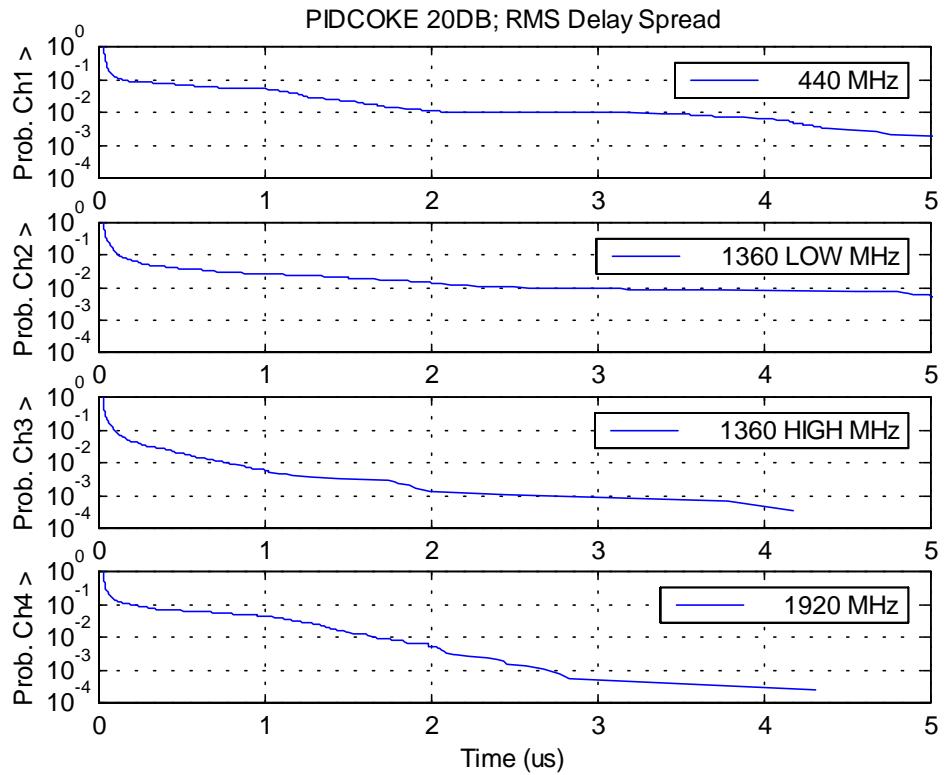


Figure 5.7. Pidcoke 20 dB ID: RMS delay spread CDF.

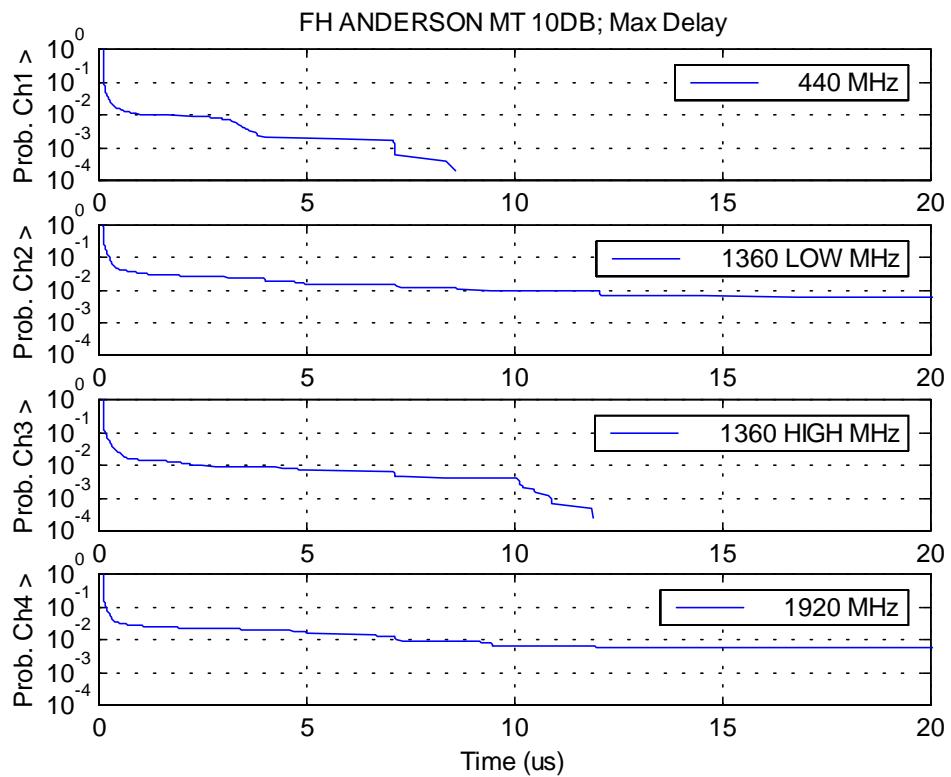


Figure 5.8. Anderson Mt. 10 dB ID: maximum delay CDF.

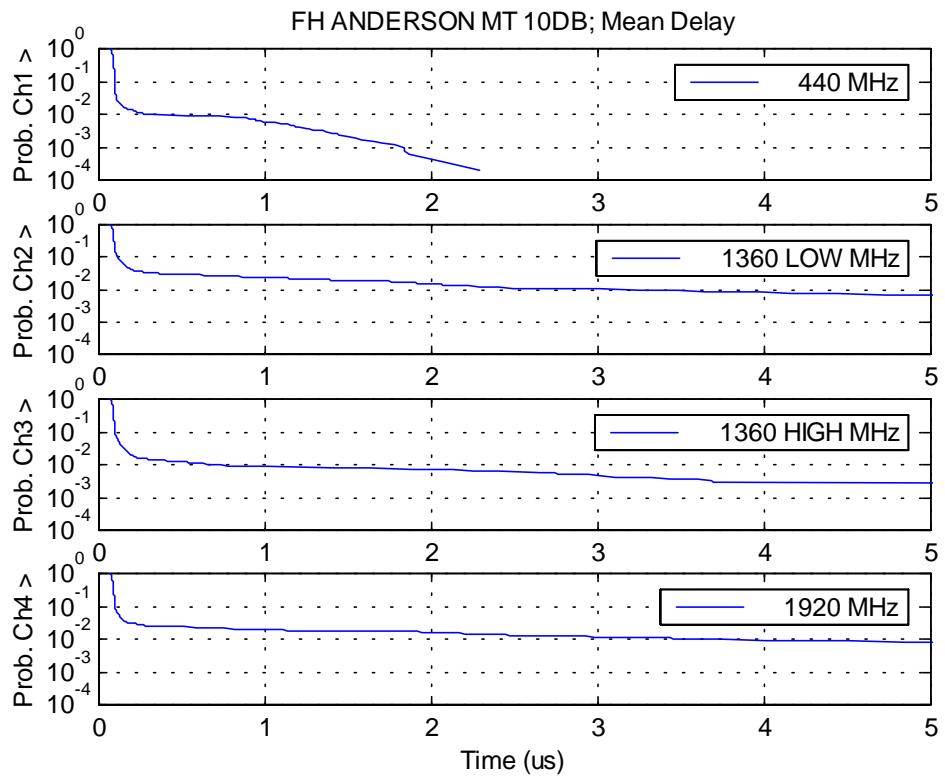


Figure 5.9. Anderson Mt. 10 dB ID: mean delay CDF.

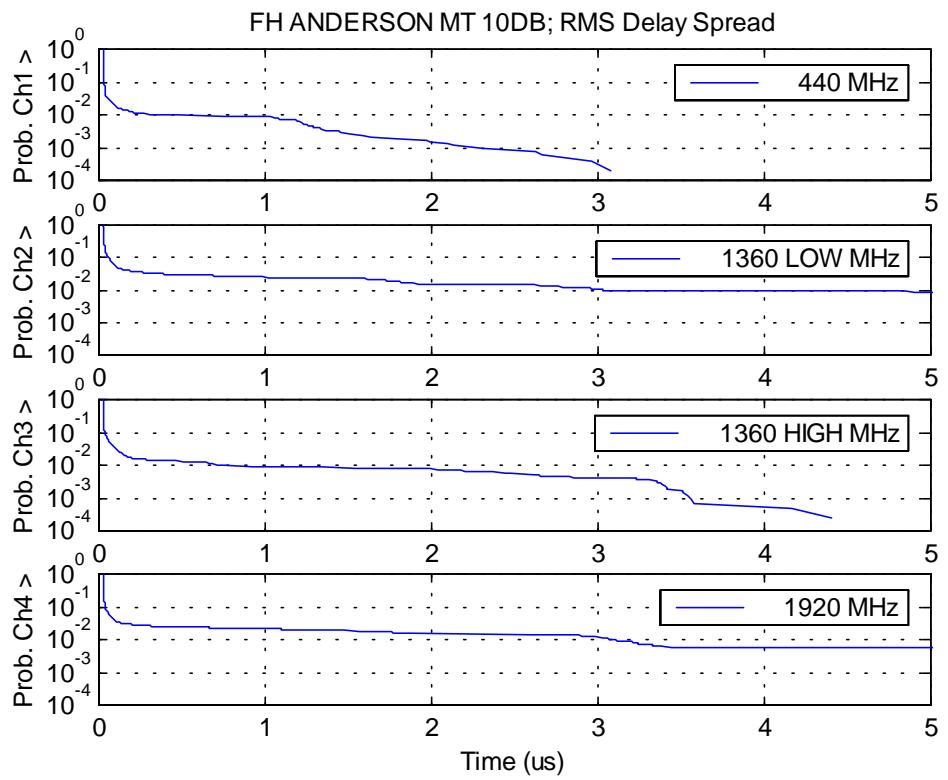


Figure 5.10. Anderson Mt. 10 dB ID: RMS delay spread CDF.

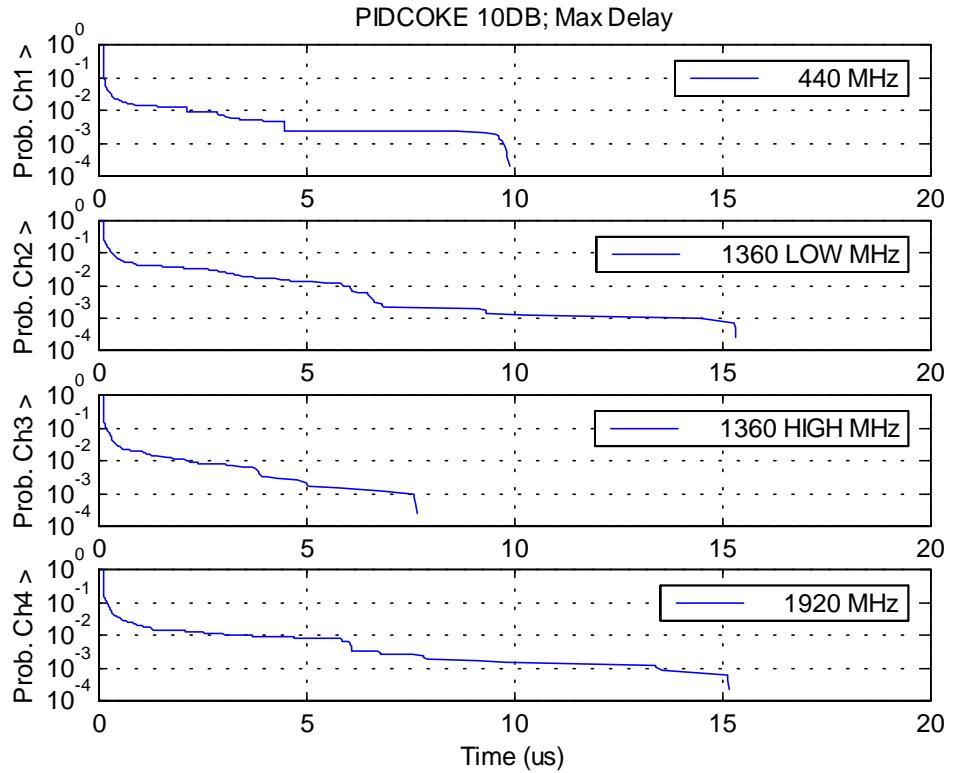


Figure 5.11. Pidcocke 10 dB ID: maximum delay CDF.

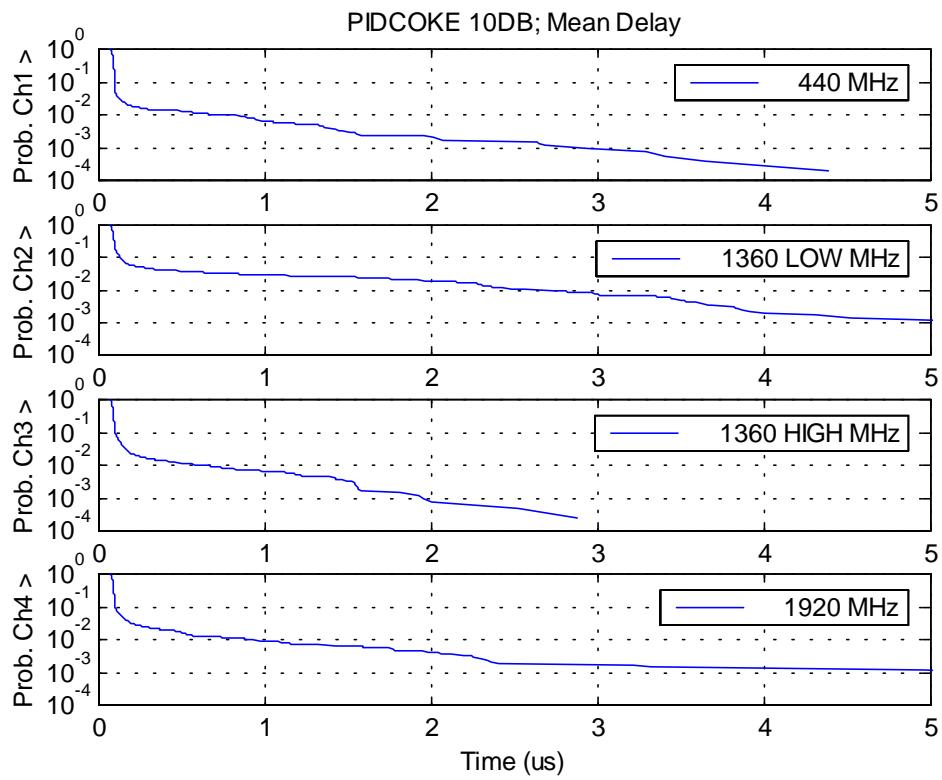


Figure 5.12. Pidcoke 10 dB ID: mean delay CDF.

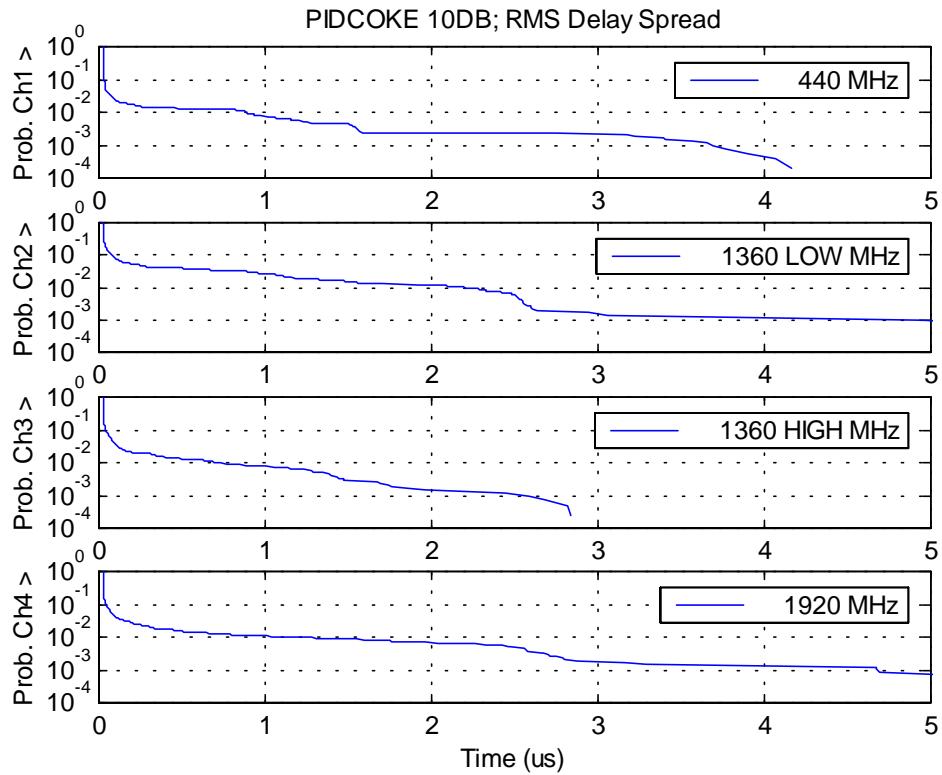


Figure 5.13. Pidcoke 10 dB ID: RMS delay spread CDF.

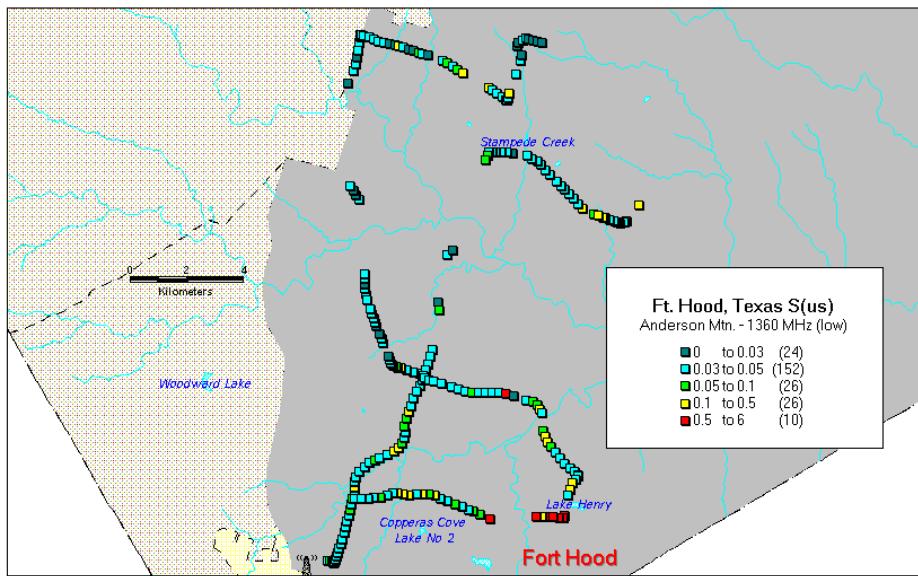
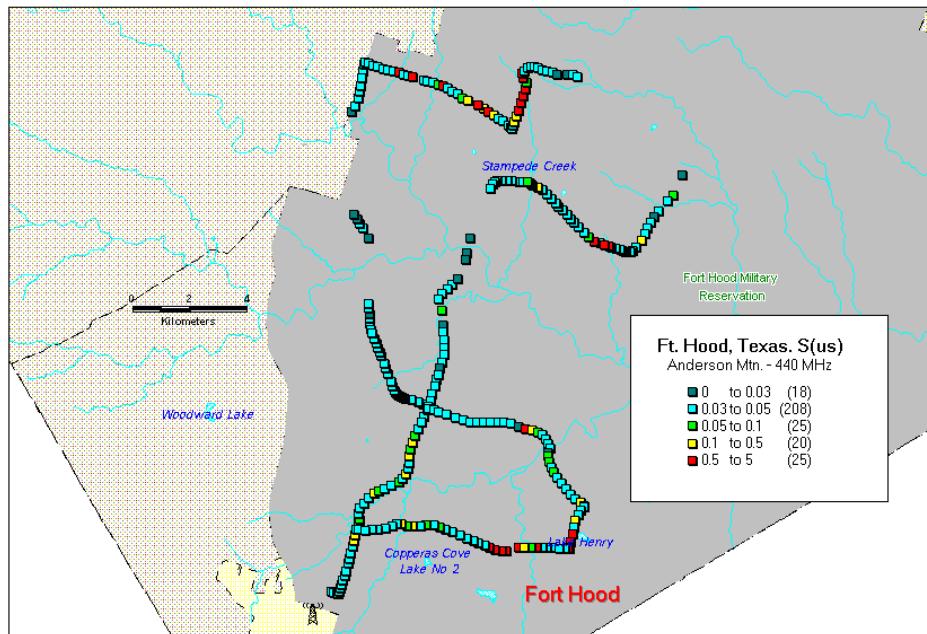


Figure 5.14. Delay spread (S) map, 440 MHz, Anderson Mountain transmitter site.
 Figure 5.15. Delay spread (S) map, 1360 MHz (low antenna), Anderson Mountain transmitter site.

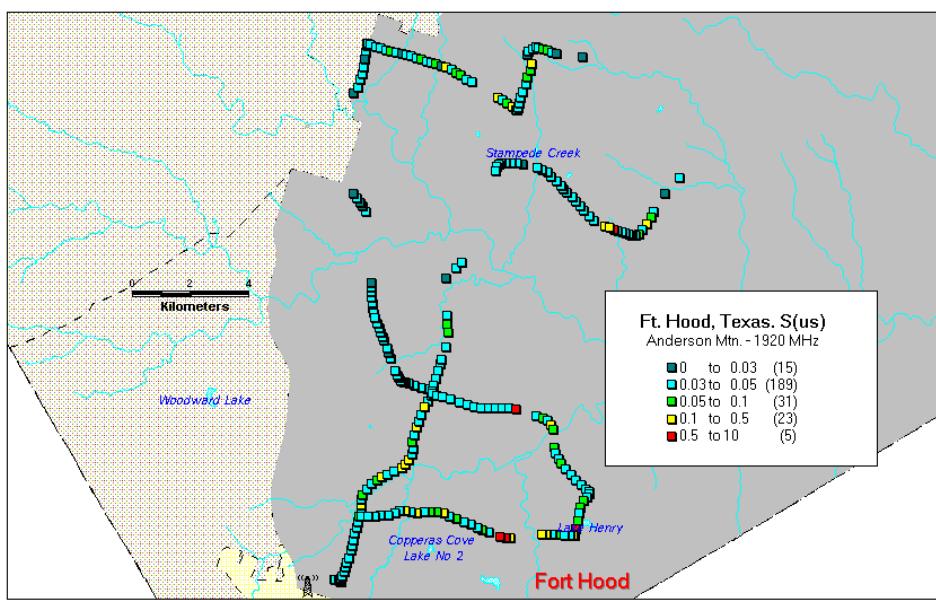
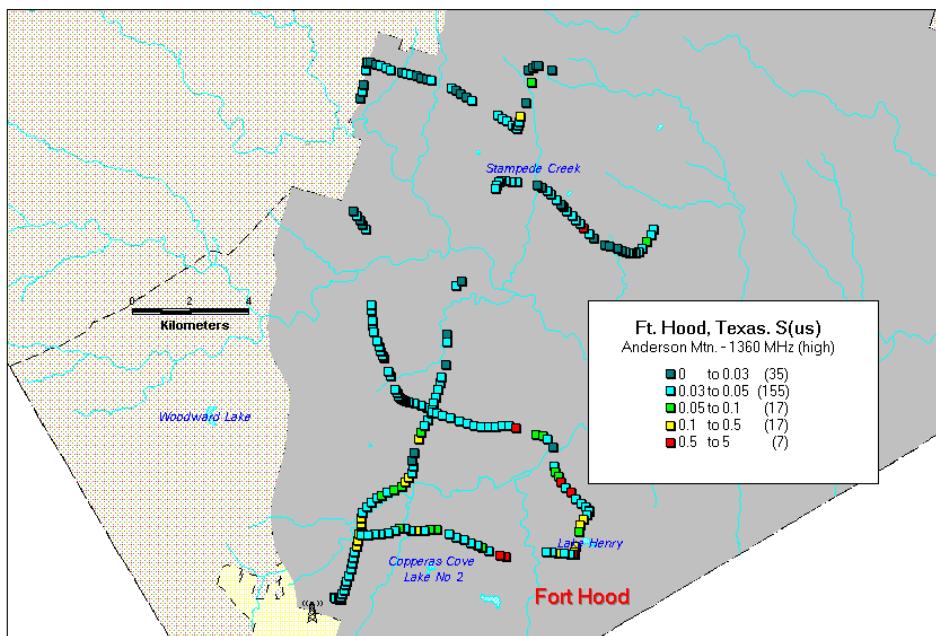


Figure 5.16. Delay spread (S) map, 1360 MHz (high antenna), Anderson Mountain transmitter site.

Figure 5.17. Delay spread (S) map, 1920 MHz, Anderson Mountain transmitter site.

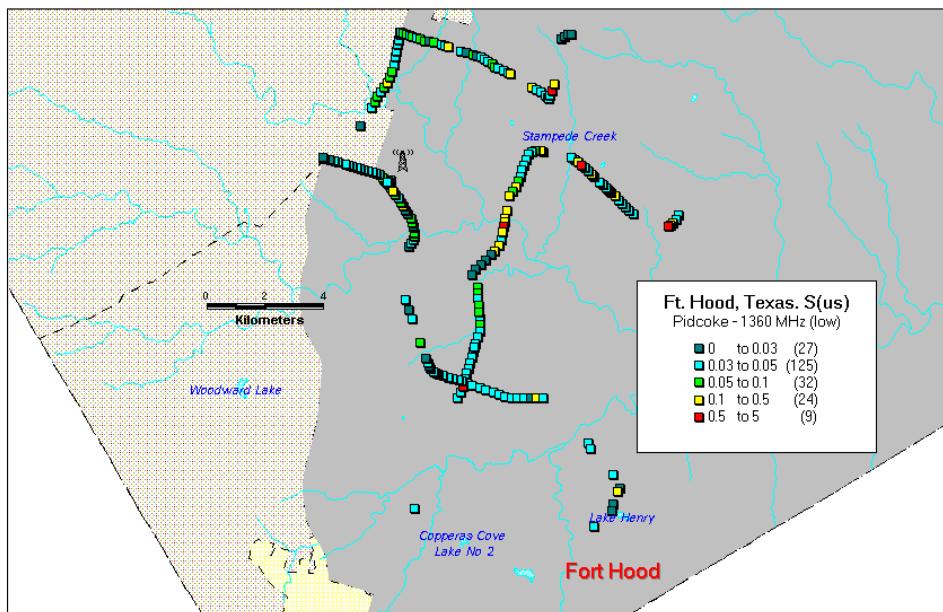
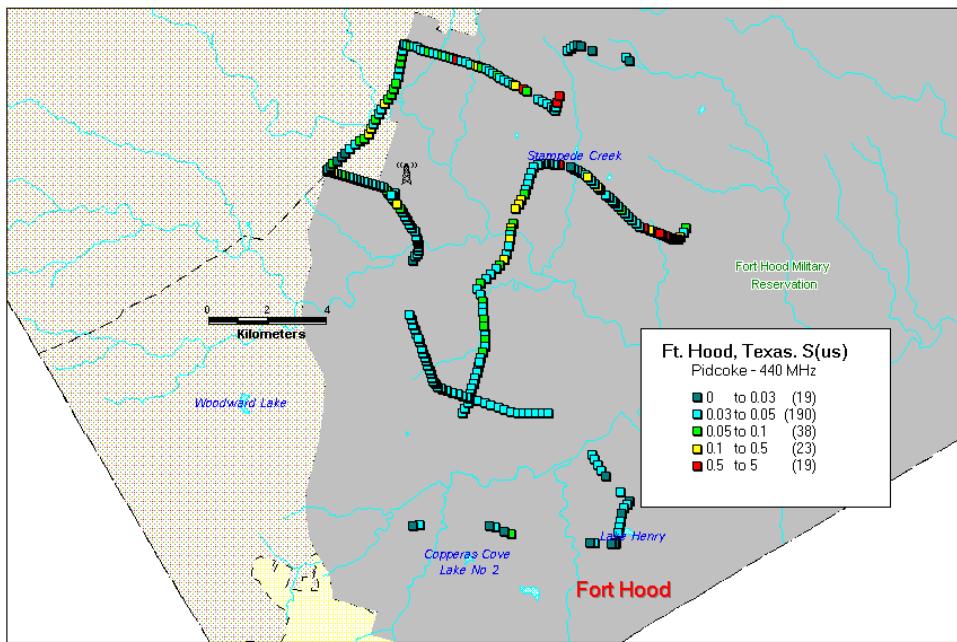


Figure 5.18. Delay spread (S) map, 440 MHz, Pidcock transmitter site.

Figure 5.19. Delay spread (S) map, 1360 MHz (low antenna), Pidcock transmitter site.

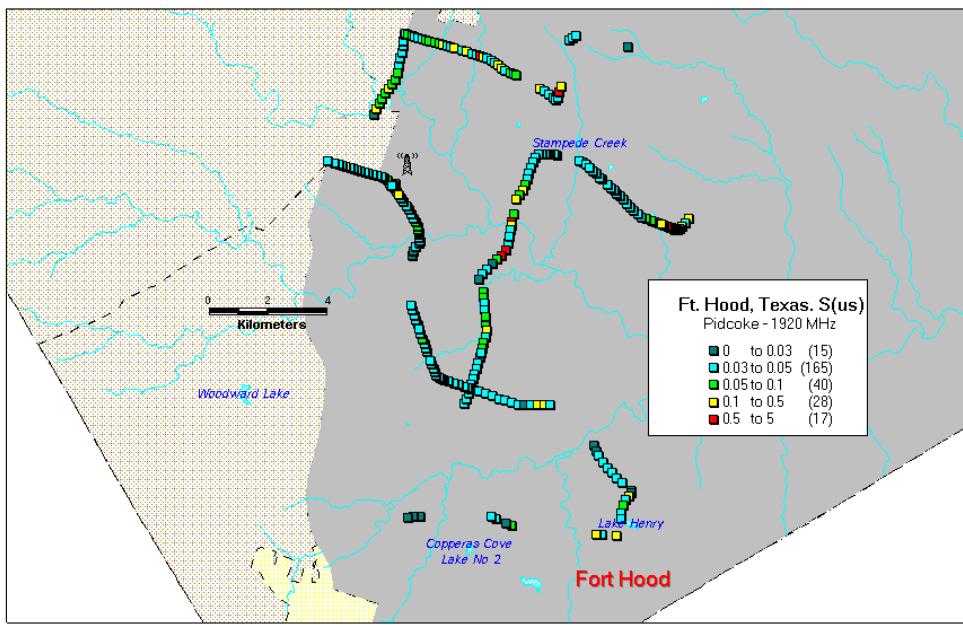
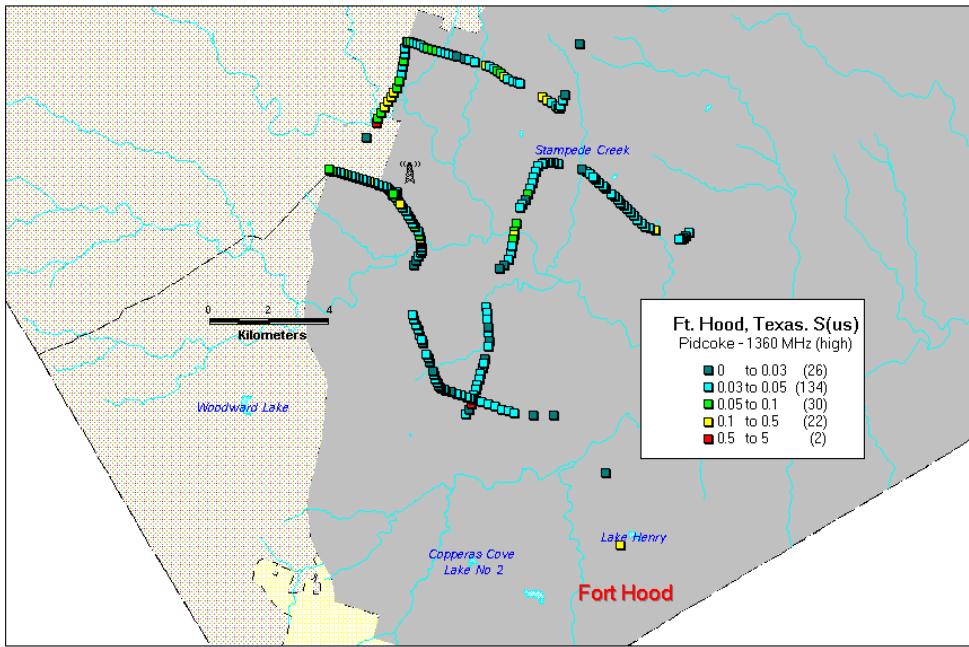


Figure 5.20. Delay spread (S) map, 1360 MHz (high antenna), Pidcocke transmitter site.
 Figure 5.21. Delay spread (S) map, 1920 MHz, Pidcocke transmitter site.